

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/03953

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B01D15/08 B01J39/04 C07K1/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B01D B01J C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 986 063 A (ETZEL MARK R) 16 November 1999 (1999-11-16) column 6; example 1 ---	1-3
A	DEPHILLIPS P ET AL: "Determinants of protein retention characteristics on cation-exchange adsorbents" JOURNAL OF CHROMATOGRAPHY A, ELSEVIER SCIENCE, NL, vol. 933, no. 1-2, 9 November 2001 (2001-11-09), pages 57-72, XP004320444 ISSN: 0021-9673 cited in the application page 66 -page 67 ---	1-4 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
16 December 2003	29/12/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Hilgenga, K

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SCHOLZ G H ET AL: "SALT-INDEPENDENT BINDING OF ANTIBODIES FROM HUMAN SERUM TO THIOPHILIC HETEROCYCLIC LIGANDS" JOURNAL OF CHROMATOGRAPHY B: BIOMEDICAL SCIENCES & APPLICATIONS, ELSEVIER SCIENCE PUBLISHERS, NL, vol. 709, 1998, pages 189-196, XP002901949 ISSN: 1570-0232 page 196 ---	
A	BURTON S C ET AL: "Hydrophobic charge induction chromatography: salt independent protein adsorption and facile elution with aqueous buffers" JOURNAL OF CHROMATOGRAPHY A, ELSEVIER SCIENCE, NL, vol. 814, no. 1-2, 24 July 1998 (1998-07-24), pages 71-81, XP004145777 ISSN: 0021-9673 -----	

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Information on patent family members

International application No

PCT/GB 03/03953

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5986063	A 16-11-1999	NONE	